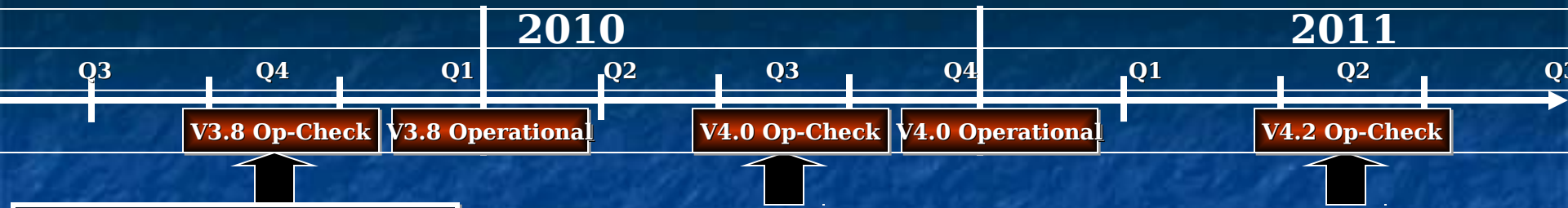


Automated Processing Software Roadmap & Transition



NAVO v3.8 (Linux, A2)

- IOP upgrades MODIS/ SeaWiFS/ OCM/ MERIS - QAA v5.0
- Preparation for Triangular Interpolation (Cloud Filled) - SEED Image for 2D/3D
- Particle Size Distribution
- METOP processing (v2.0)
- Euphotic Depth Algorithms
- Upgrade Satellite / Model Visualization (TODS v2.0)
- Google Earth (KMZ)
- 250 m MODIS SWIR upgrade (MSL12) : Atmospheric Correction, Hi-Res IOP products
- Water Mass Classification
- MERIS processing (v2.0) L1A & L2 ESA processing New MERIS Lut's
- OCM Processing (v2.0)
- HDF4 / HDF5 / netCDF
- Estimated Lidar Penetration

NAVO v4.0 (Linux, A2)

- APS -> Preparing Tactical Optical Products From NPOESS - **NPOESS Project**
- Possible Gap Fill Sensor:**
- MERIS Processing (v3.0) Improved Atm Correction 1km & 300 m
 - IOP upgrades- LMI Optical Algorithms (v1.0) Available Sensors
 - MERIS FR/ **NPP** / NPP (QAA v6.0)
 - VIIRS proxy data RT - HDF5 - NPP Satellite match and statistics and statistics

Preparation For Data Assimilation Using APS Products

- Multiple Sensor Daily Composite (MERIS/MODIS/SeaWiFS)
- Statistical binning, satellite uncertainty
- Automated optical extraction for glider match-ups
- Integrate SEED Generator

NAVO v4.0 (Linux, A2)

NPOESS Project

Possible Gap Fill Sensors:

- Sentinel III Processing (v1.0)
- OCM2 Processing (v1.0)
- GOCI Processing (v1.0)
- LMI Optical Algorithms NPP
- IOP upgrades All Available Sensors
- NPP (QAA v5.0)
- NPP data stream

Preparation For Data Assimilation Using APS Products

- Multiple Sensor Daily Composite (v2.0) for All/New OCM2, GOCI, etc.
- Satellite optical correlation scales (Spatial and Temporal)
- SEED Generator v2.0 based on correlation scales